

5 What is Claimed is:

1. A frame in a cathode ray tube, the frame comprising:
a main frame for fixing a shadow mask; and,
a subframe for supporting the main frame, thereby supporting the shadow mask with
a tension applied thereto,

10 wherein the subframe has a protruded part toward the shadow mask for minimizing
deformation of the main frame caused by the tension on the shadow mask, the subframe being
in symmetry in left and right directions with respect to a center of the subframe.

2. A frame as claimed in claim 1, wherein the protruded part of the subframe is
formed as the subframe itself is deformed into a curved form.

3. A frame as claimed in claim 2, wherein a plurality of the protruded parts are
formed.

20 4. A frame as claimed in claim 1, wherein the protruded part of the subframe is
formed to have a surface parallel to the shadow mask by bending the subframe itself many
times.

25 5. A frame as claimed in claim 4, wherein a plurality of the protruded parts are
formed.

6. A frame as claimed in claim 1, wherein the subframe is parallel to the shadow
mask except the protruded part.